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(Jean Beye)

*[Handwritten: DPW]*  
Docket No.: 1279-454  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Guillermo Bazan et al.

Application No.: 10/595,017

Confirmation No.: 3968

Filed: September 17, 2004

Art Unit: N/A

For: METHOD AND DEVICES COMPRISING ...

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
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Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of each reference on the PTO/SB/08 is attached with the exception of U. S. Patents..

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this

application by this firm) to our Deposit Account No. 50-3881, under Order No. 1279-454. A duplicate copy of this paper is enclosed.

Dated: November 3, 2006

Respectfully submitted,

By 

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Registration No.: 20,121

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PTO/SB/08b (03-03)

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Sheet 1 of 18

**Complete if Known**

Application Number	10/595,017
Filing Date	September 17, 2004
First Named Inventor	Bazan et al
Art Unit	
Examiner Name	
Attorney Docket Number	1279-54

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T <sup>2</sup>
	1	BALAKIN, K.V. et al. Conjugates of oligonucleotides with polyaromatic fluorophores as promising DNA probes <sup>1</sup> ; <i>Biosensors and Bioelectronics</i> (1998) 13:771-778.	
	2	BARDEA, A. et al. Sensing and amplification of oligonucleotide-DNA interactions by means of impedance spectroscopy: a route to a Tay-Sachs sensor; <i>Chem. Commun.</i> (1999) 21-22.	
	3	BAUR, J.W., et al. Thin-Film Light-Emitting Devices Based on Sequentially Adsorbed Multilayers of Water-Soluble Poly (p-phenylene)s; <i>Advanced Materials</i> (1998) 10:17:1452-1455.	
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Sheet 2 of 18

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Attorney Docket Number	1279-454

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T <sup>2</sup>
	15	CASTRO, A. and WILLIAMS, J.G.K. Single-molecule detection of specific nucleic acid sequences in unamplified genomic DNA; <i>Anal. Chem.</i> (1997) 69:19:3915-3920.	
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Sheet 3 of 18

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Application Number	10/595,017
Filing Date	September 17, 2004
First Named Inventor	Bazan et al
Art Unit	
Examiner Name	
Attorney Docket Number	1279-454

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	29	EGHOLM, M. et al. Recognition of Guanine and Adenine in DNA by Cytosine and Thymine Containing Peptide Nucleic Acids (PNA); <i>J. Am. Chem. Soc.</i> (1992) 114:9677-9678.	
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Examiner's Signature	Date Considered
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Sheet 4 of 18

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Application Number	10/595,017
Filing Date	September 17, 2004
First Named Inventor	Bazan et al
Art Unit	
Examiner Name	
Attorney Docket Number	1279-454

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	43	GERSHON, H. et al. Mode of Formation and Structural Features of DNA-Cationic Liposome Complexes Used for Transfection; <i>Biochemistry</i> (1993) 32:7143-7151.	
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Application Number	10/595,017	Filing Date	September 17, 2004
First Named Inventor	Bazan et al	Art Unit	
Examiner Name		Attorney Docket Number	1279-454
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Application Number	10/595,017
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Sheet 9 of 18

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## **Complete if Known**

Application Number	10/595,017
Filing Date	September 17, 2004
First Named Inventor	Bazan et al.
Art Unit	
Examiner Name	
Attorney Docket Number	1279-454

Sheet 12 of 18

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	152	Wang et al., "Size-Specific Interactions Between Single- and Double-Stranded Oligonucleotides and Cationic Water-Soluble Oligofluorenes", Adv. Funct. Mater., June 2003, 13(6), 463-467.	
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	154	Leclerc, "Optical and Electrochemical Transducers Based on Functionalized Conjugated Polymers", Adv. Mater., 1999, 11(18), 1491-1498.	
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	162	Chen et al., "Tuning the Properties of Conjugated Polyelectrolytes through Surfactant Complexation", J. Am. Chem. Soc., 2000, 122, 9302-9303.	
	163	Gaylord et al., "Water-Soluble Conjugated Oligomers: Effect of Chain Length and Aggregation on Photoluminescence-Quenching Efficiencies", J. Am. Chem. Soc., 2001, 123, 6417-6418.	
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	166	Zhou et al., "Fluorescent Chemosensors Based on Energy Migration in Conjugated Polymers: The Molecular Wire Approach to Increased Sensitivity", J. Am. Chem. Soc., 1995, 117, 12593-12602.	
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	170	Gallot et al., "Poly(L-lysine) containing azobenzene units in the side chains: Influence of the degree of substitution on liquid crystalline structure and thermotropic behaviour", Liquid Crystals, 1997, 23(1), 137-146.	
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Application Number	10/595,017
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	172	Liu et al., "Methods for strand-specific DNA detection with cationic conjugation polymers suitable for incorporation into DNA chips and microarrays", PNAS Early Edition, December 2004, p. 1-5	
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	181	Patel et al., "Energy transfer analysis of Fos-Jun dimerization and DNA binding", Proc. Natl. Sci. USA, July 2994, 91, 7360-7364.	

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Application Number	10/595,017
Filing Date	September 17, 2004
First Named Inventor	Bazan et al
Art Unit	
Examiner Name	
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Sheet **15** of **18**

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	182	Lohse et al., "Fluorescein-Conjugated Lysine Monomers for Solid Phase Synthesis of Fluorescent Peptides and PNA Oligomers", Bioconjugate Chem., 1997, 8, 503-509.	
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Application Number

10/595,017

Filing Date

September 17, 2004

First Named Inventor

Bazan et al

Art Unit

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	192	Wolcott, "Advances in Nucleic Acid-Based Detection Methods", Clinical Microbiology Reviews, October 1992, 5(4), 370-386.	
	193	Umek et al., "Electronic Detection of Nucleic Acids, A Versatile Platform for Molecular Diagnostics", Journal of Molecular Diagnostics, May 2001, 3(2), 74-84.	
	194	Stevens et al., "Exciton dissociation mechanisms in the polymeric semiconductors poly(9,9-dioctylfluorene) and poly(9,9-dioctylfluorene-co-benzothiadiazole)", Physical Review B, April 2001, 63, 1-18.	
	195	Wang, "Survey and Summary From DNA biosensors to gene chips", Nucleic Acids Research, 2000, 28(16), 3011-3016.	
	196	Beier et al., "Versatile derivatisation of solid support media for covalent bonding on DNA-microchips", Nucleic Acids Research, 1999, 27(9), 1970-1977.	
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